

CRF Errors Corrected by the STIC Systems Branch

1634

#102

Serial Number: 08/892,351CRF Processing Date: 7/30/98Edited by: AB

Verified by: _____ (STIC staff)

 Changed a file from non-ASCII to ASCII Changed the margins in cases where the sequence text was "wrapped" down to the next line. Edited a format error in the Current Application Data section, specifically:**ENTERED** Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____ Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____ Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____ Other:inserted hard return globally in (D) OTHER INFO: section

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**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/897,351**

DATE: 07/30/98
TIME: 14:07:03

INPUT SET: S27790.raw

This Raw Listing contains the General Information Section and up to the first 5 pages. Does Not Comply
Corrected Diskette Needed

SEQUENCE LISTING

1
2
3 (1) General Information:
4 (i) APPLICANT: NEBOJSA JANJIC, LARRY GOLD, PAUL G. SCHMIDT, CHANDRA VARGESE, MICHA
5 (ii) TITLE OF THE INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF) NUCLEIC ACID
6 (iii) NUMBER OF SEQUENCES: 88
7 (iv) CORRESPONDENCE ADDRESS:
8 (A) ADDRESSEE: Swanson and Bratschun, L.L.C.
9 (B) STREET: 8400 East Prentice Avenue, Suite #200
10 (C) CITY: Denver
11 (D) STATE: Colorado
12 (E) COUNTRY: USA
13 (F) ZIP: 80111
14
15 (v) COMPUTER READABLE FORM:
16 (A) MEDIUM TYPE: Diskette, 3.5 inch, 1.4 Mb storage
17 (B) COMPUTER: IBM compatible
18 (C) OPERATING SYSTEM: MS-DOS
19 (D) SOFTWARE: WordPerfect 6.1
20
21 (vi) CURRENT APPLICATION DATA:
22 (A) APPLICATION NUMBER: 08/897,351
23 (B) FILING DATE: 21 JULY 1997
24 (C) CLASSIFICATION:
25
26 (vii) PRIOR APPLICATION DATA:
27 (A) APPLICATION NUMBER: 08/870,930
28 (B) FILING DATE: 6 JUNE 1997
29
30 (viii) ATTORNEY/AGENT INFORMATION:
31 (A) NAME: Barry J. Swanson
32 (B) REGISTRATION NUMBER: 33,215
33 (C) REFERENCE/DOCKET NUMBER: NEX61CIP
34
35
36 (ix) TELECOMMUNICATION INFORMATION:
37 (A) TELEPHONE: (303) 793-3333
38 (B) TELEFAX: (303) 793-3433
39
40 (2) INFORMATION FOR SEQ ID NO: 1:
41 (i) SEQUENCE CHARACTERISTICS:
42 (A) LENGTH: 78
43 (B) TYPE: nucleic acid
44 (C) STRANDEDNESS: single
45 (D) TOPOLOGY: linear
46 (ii) MOLECULE TYPE: RNA

RAW SEQUENCE LISTING
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47 (ix) FEATURE:
48 (D) OTHER INFORMATION:
49
50 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
51 TAATACGACT CACTATAGGG AGGACGATGC GGNNNNNNNN NNNNNNNNNN50
52 NNNNNNNNNN NNCAGACGAC TCGCCCGA78
53
54 (2) INFORMATION FOR SEQ ID NO: 2:
55 (i) SEQUENCE CHARACTERISTICS:
56 (A) LENGTH: 88
57 (B) TYPE: nucleic acid
58 (C) STRANDEDNESS: single
59 (D) TOPOLOGY: linear
60 (ii) MOLECULE TYPE: RNA
61 (ix) FEATURE:
62 (D) OTHER INFORMATION:
63
64 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
65 TAATACGACT CACTATAGGG AGGACGATGC GGNNNNNNNN NNNNNNNNNN50
66 NNNNNNNNNN NNNNNNNNNN NNCAGACGAC TCGCCCGA88
67
68 (2) INFORMATION FOR SEQ ID NO: 3:
69 (i) SEQUENCE CHARACTERISTICS:
70 (A) LENGTH: 16
71 (B) TYPE: nucleic acid
72 (C) STRANDEDNESS: single
73 (D) TOPOLOGY: linear
74 (ii) MOLECULE TYPE: RNA
75 (ix) FEATURE:
76 (D) OTHER INFORMATION:
77
78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
79 TCGGGCGAGT CGTCTG16
80
81 (2) INFORMATION FOR SEQ ID NO: 4:
82 (i) SEQUENCE CHARACTERISTICS:
83 (A) LENGTH: 32
84 (B) TYPE: nucleic acid
85 (C) STRANDEDNESS: single
86 (D) TOPOLOGY: linear
87 (ii) MOLECULE TYPE: RNA
88 (ix) FEATURE:
89 (D) OTHER INFORMATION:
90
91 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
92 TAATACGACT CACTATAGGG AGGACGATGC GG32
93
94 (2) INFORMATION FOR SEQ ID NO: 5:
95 (i) SEQUENCE CHARACTERISTICS:
96 (A) LENGTH: 28
97 (B) TYPE: nucleic acid
98 (C) STRANDEDNESS: single
99 (D) TOPOLOGY: linear

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hard return

100 (ii) MOLECULE TYPE: RNA
101 (ix) FEATURE:
102 (D) OTHER INFORMATION: Nucleotides at positions 1, 6-7, 10, 14, 16-18, 20, 22, and
103 (ix) FEATURE:
104 (D) OTHER INFORMATION: Nucleotides at positions 2-3, 8-9, 11-13, 15, 19, 21, 23, a
105 (ix) FEATURE:
106 (D) OTHER INFORMATION: T in position 28 is a 3'-3'-linked deoxythymidine
107
108 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
109 CGGAAUCAGU GAAUGCUUAU ACAUCCGT28
110
111 (2) INFORMATION FOR SEQ ID NO: 6:
112 (i) SEQUENCE CHARACTERISTICS:
113 (A) LENGTH: 28
114 (B) TYPE: nucleic acid
115 (C) STRANDEDNESS: single
116 (D) TOPOLOGY: linear
117 (ii) MOLECULE TYPE: RNA
118 (ix) FEATURE:
119 (D) OTHER INFORMATION: Nucleotides at positions 1, 6-7, 10, 14, 16-18, 20, 22, and
120 (ix) FEATURE:
121 (D) OTHER INFORMATION: Nucleotides at positions 2-3, 8-9, 11-13, 15, 19, 21, 23, a
122 (ix) FEATURE:
123 (D) OTHER INFORMATION: T in position 28 is a 3'-3'-linked deoxythymidine
124
125 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
126 CGGAAUCAGU GAAUGCUUAU ACAUCCGT28
127
128 (2) INFORMATION FOR SEQ ID NO: 7:
129 (i) SEQUENCE CHARACTERISTICS:
130 (A) LENGTH: 28
131 (B) TYPE: nucleic acid
132 (C) STRANDEDNESS: single
133 (D) TOPOLOGY: linear
134 (ii) MOLECULE TYPE: RNA
135 (ix) FEATURE:
136 (D) OTHER INFORMATION: Nucleotides at positions 1, 6-7, 10, 14, 16-18, 20, 22, and
137 (ix) FEATURE:
138 (D) OTHER INFORMATION: Nucleotides at positions 2-3, 8-9, 11-13, 15, 19, 21, 23, a
139 (ix) FEATURE:
140 (D) OTHER INFORMATION: T in position 28 is a 3'-3'-linked deoxythymidine
141
142 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
143 CGGAAUCAGU GAAUGCUUAU ACAUCCGT28
144
145 (2) INFORMATION FOR SEQ ID NO: 8:
146 (i) SEQUENCE CHARACTERISTICS:
147 (A) LENGTH: 28
148 (B) TYPE: nucleic acid
149 (C) STRANDEDNESS: single
150 (D) TOPOLOGY: linear
151 (ii) MOLECULE TYPE: RNA
152 (ix) FEATURE:

*all text
must be
visible on
page*

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153 (D) OTHER INFORMATION: Nucleotides at positions 1, 6-7, 10, 14, 16-18, 20, 22, and
154 (ix) FEATURE:
155 (D) OTHER INFORMATION: Nucleotides at positions 2-3, 8-9, 11-13, 15, 19, 21, 23, a
156 (ix) FEATURE:
157 (D) OTHER INFORMATION: T in position 28 is a 3'-3'-linked deoxythymidine
158
159 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
160 CGGAAUCAGU GAAUGCUUAU ACAUCCGT28
161
162 (2) INFORMATION FOR SEQ ID NO: 9:
163 (i) SEQUENCE CHARACTERISTICS:
164 (A) LENGTH: 28
165 (B) TYPE: nucleic acid
166 (C) STRANDEDNESS: single
167 (D) TOPOLOGY: linear
168 (ii) MOLECULE TYPE: RNA
169 (ix) FEATURE:
170 (D) OTHER INFORMATION: Nucleotides at positions 1, 6-7, 10, 14, 16-18, 20, 22, and
171 (ix) FEATURE:
172 (D) OTHER INFORMATION: Nucleotides at positions 2-3, 8-9, 11-13, 15, 19, 21, 23, a
173 (ix) FEATURE:
174 (D) OTHER INFORMATION: T in position 28 is a 3'-3'-linked deoxythymidine
175
176 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
177 CGGAAUCAGU GAAUGCUUAU ACAUCCGT28
178
179 (2) INFORMATION FOR SEQ ID NO: 10:
180 (i) SEQUENCE CHARACTERISTICS:
181 (A) LENGTH: 61
182 (B) TYPE: nucleic acid
183 (C) STRANDEDNESS: single
184 (D) TOPOLOGY: linear
185 (ii) MOLECULE TYPE: RNA
186 (ix) FEATURE:
187 (D) OTHER INFORMATION: All pyrimidines are 2'-fluoro (2'-F) modified
188
189 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
190 GGGAGGACGA UGCCGGNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNCAGAC50
191 GACUCGCCCG A61
192
193 (2) INFORMATION FOR SEQ ID NO: 11:
194 (i) SEQUENCE CHARACTERISTICS:
195 (A) LENGTH: 71
196 (B) TYPE: nucleic acid
197 (C) STRANDEDNESS: single
198 (D) TOPOLOGY: linear
199 (ii) MOLECULE TYPE: RNA
200 (ix) FEATURE:
201 (D) OTHER INFORMATION: All pyrimidines are 2'-fluoro (2'-F) modified
202
203 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
204 GGGAGGACGA UGCCGGNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN50
205 NNNNNNCAGAC GACUCGCCCG A71

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/897,351**DATE: 07/30/98
TIME: 14:07:07**INPUT SET: S27790.raw**

206
207 (2) INFORMATION FOR SEQ ID NO: 12:
208 (i) SEQUENCE CHARACTERISTICS:
209 (A) LENGTH: 61
210 (B) TYPE: nucleic acid
211 (C) STRANDEDNESS: single
212 (D) TOPOLOGY: linear
213 (ii) MOLECULE TYPE: RNA
214 (ix) FEATURE:
215 (D) OTHER INFORMATION: All pyrimidines are 2'-fluoro (2'-F) modified
216
217 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
218 GGGAGGACGA UGCAGGAAGAA UUGGUCAUCG UCGUCUCCGC CUCCCCAGAC50
219 GACUCGCCCG A61
220
221 (2) INFORMATION FOR SEQ ID NO: 13:
222 (i) SEQUENCE CHARACTERISTICS:
223 (A) LENGTH: 61
224 (B) TYPE: nucleic acid
225 (C) STRANDEDNESS: single
226 (D) TOPOLOGY: linear
227 (ii) MOLECULE TYPE: RNA
228 (ix) FEATURE:
229 (D) OTHER INFORMATION: All pyrimidines are 2'-fluoro (2'-F) modified
230
231 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
232 GGGAGGACGA UGCAGGAUAC GGAAGAAUUG GAUACAU AUG CUCGUCAGAC50
233 GACUCGCCCG A61
234
235 (2) INFORMATION FOR SEQ ID NO: 14:
236 (i) SEQUENCE CHARACTERISTICS:
237 (A) LENGTH: 61
238 (B) TYPE: nucleic acid
239 (C) STRANDEDNESS: single
240 (D) TOPOLOGY: linear
241 (ii) MOLECULE TYPE: RNA
242 (ix) FEATURE:
243 (D) OTHER INFORMATION: All pyrimidines are 2'-fluoro (2'-F) modified
244
245 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
246 GGGAGGACGA UGCAGGAUAA CAGAAGAAU GGUGAACAAAC GUGGUCAGAC50
247 GACUCGCCCG A61
248
249 (2) INFORMATION FOR SEQ ID NO: 15:
250 (i) SEQUENCE CHARACTERISTICS:
251 (A) LENGTH: 61
252 (B) TYPE: nucleic acid
253 (C) STRANDEDNESS: single
254 (D) TOPOLOGY: linear
255 (ii) MOLECULE TYPE: RNA
256 (ix) FEATURE:
257 (D) OTHER INFORMATION: All pyrimidines are 2'-fluoro (2'-F) modified
258

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION **US/08/897,351**

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Line

Error

Original Text